ABSTRACT AMENDMENTS

Replace the Abstract with:

~~The present invention is provided with~~ An apparatus for controlling a power converter including a voltage-vector control unit ~~(11)~~ that determines, based on voltage instruction ~~values Vu, Vv, and Vw,~~ value for the power converter, a voltage ~~vectors~~ vector output from a power converter in one control cycle of ~~PWM~~ pulse width modulation control and times for outputting of the voltage ~~vectors~~ vector, a voltage-vector adjusting unit ~~(12)~~ that adjusts ~~output times of~~ the time of outputting of the voltage ~~vectors input from the voltage-vector control unit (11)~~ vector so that time of outputting of a zero-voltage vector is larger than a fixed time or zero, and a firing-pulse generating unit ~~(13)~~ that generates ~~, based on the output times of the voltage vectors adjusted by the voltage-vector adjusting unit,~~ a signal for turning ~~either of~~ on and off a semiconductor switching ~~elements forming~~ element included in the power converter, based on the time of outputting of the voltage vector adjusted by the voltage-vector adjusting unit. ~~The voltage-vector adjusting unit (12) adjusts a zero-voltage-vector output time so as to ensure that the output time is equal to or larger than a predetermined value. With this, a high voltage exceeding twice a direct-current bus voltage can be suppressed. Three phases can be collectively controlled.~~